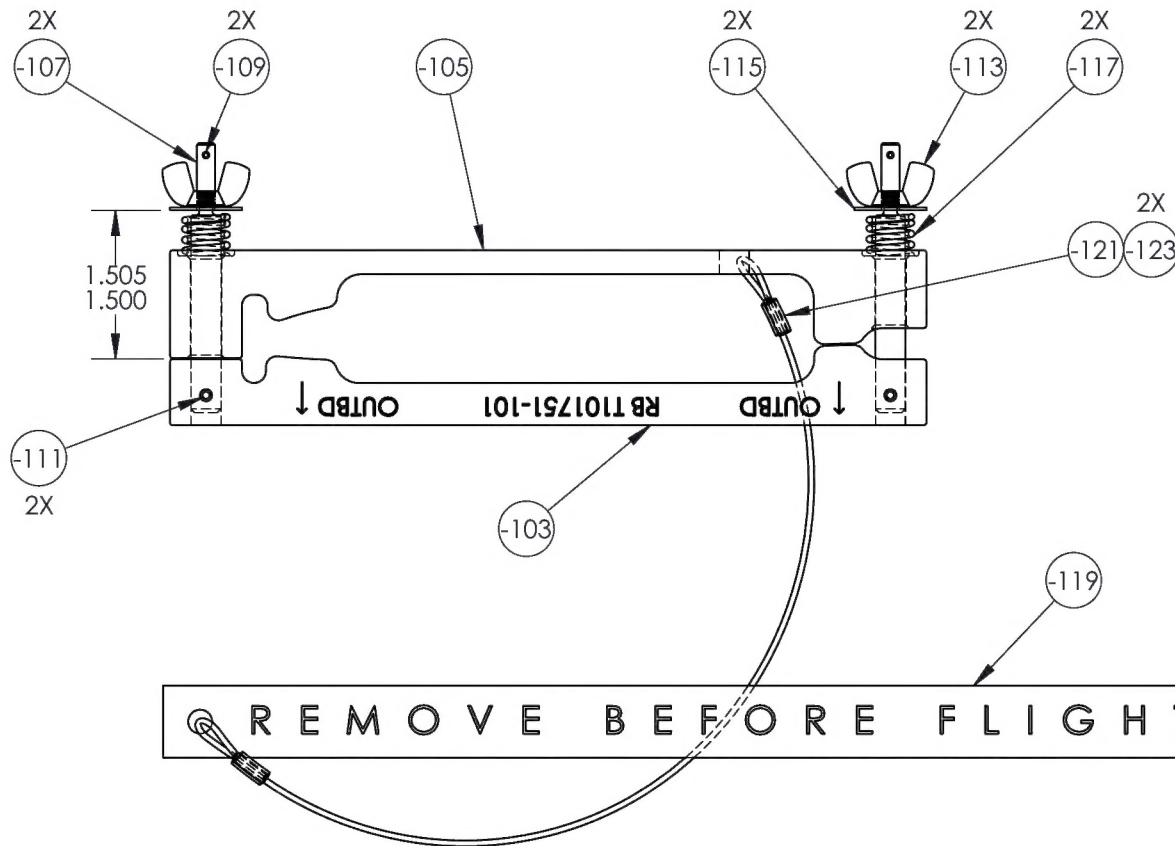


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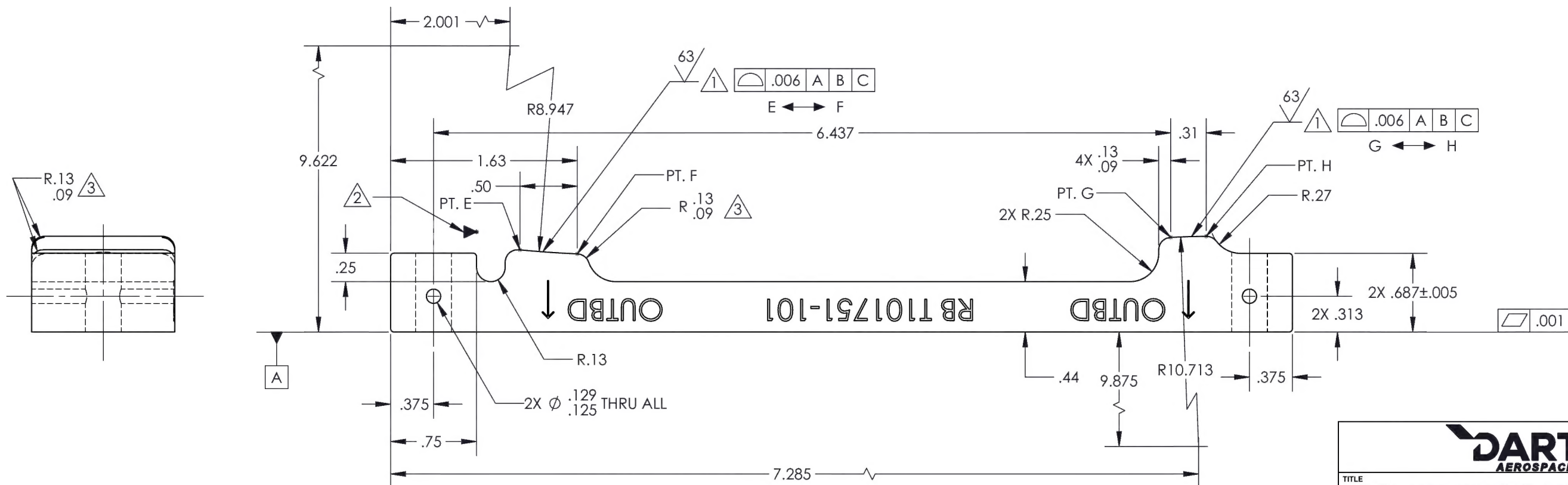
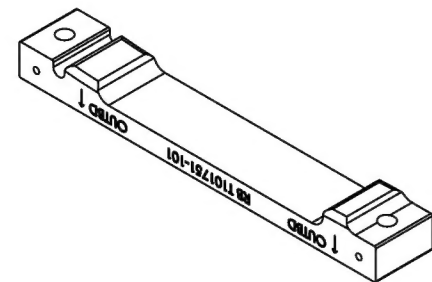
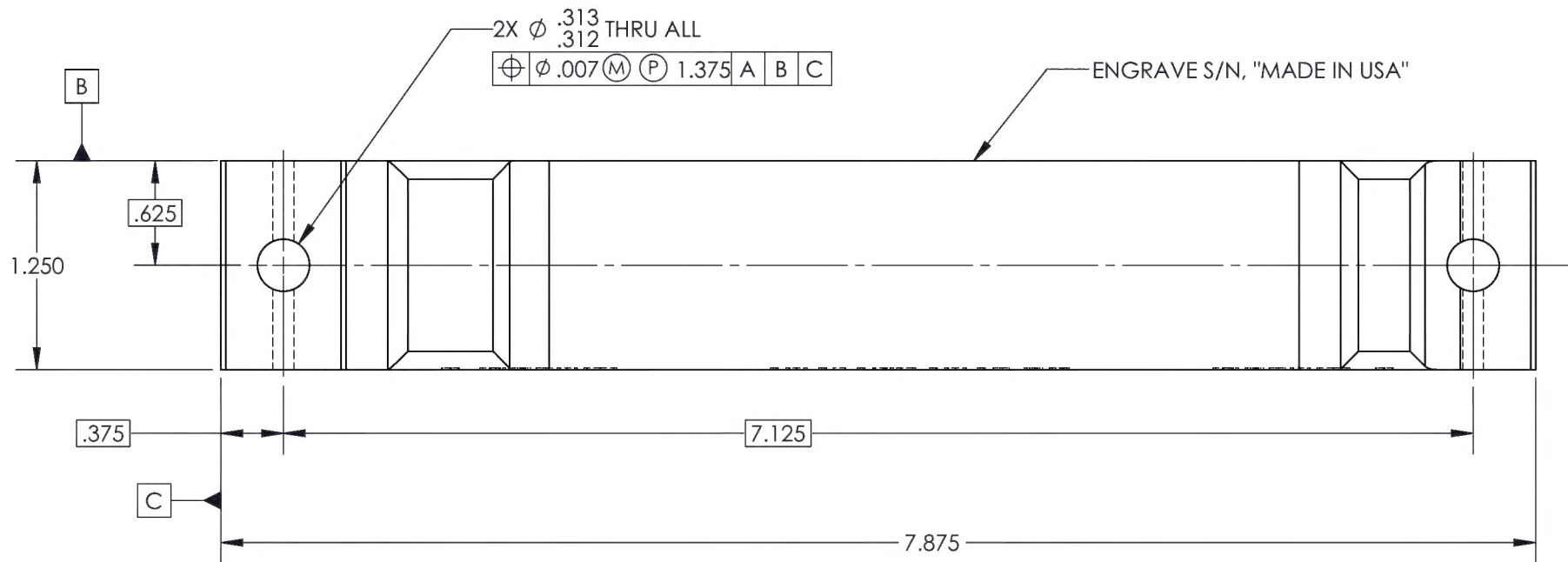
REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
		REDRAWN FROM TATTERED ORIGINAL DRAWING.	2/4/2013	RJC	SE
A		-107 CH'D CALLOUT ON THREAD TOLERANCE WAS #10-32 IS #10-32 UNF-2A.	4/7/2014	DPD	GE
1	15-0118	UPDATED TO NEW DRAFTING STANDARDS. -103 ADDED ENGRAVE NOTE. -103 & -105 IMPROVED GD&T. CH'D TOLERANCE ON NON-CRITICAL DIMENSIONS.	5/26/2015	DPD	JAG



ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.	DART AEROSPACE			
			-103	1	OUTER BLOCK	6061		2	TITLE			
			-105	1	INNER BLOCK	6061		3	TOOL ASSY-RIGGING, TAIL ROTOR BLADE			
			-107	2	STUD	303 S.S.		4	DWG NO. RB T101751-101			
		B/O	-109	2	SLOTTED SPRING PIN	S.S.	Ø1/16 X 1/4 (MCMaster-CARR #92373A105)	1	REV 1			
		B/O	-111	2	SLOTTED SPRING PIN	S.S.	Ø1/8 X 1 (MCMaster-CARR #92373A183)	1	MAT'L			
		B/O	-113	2	WING NUT	S.S.	#10-32 (MCMaster-CARR #92001A311)	1	DRAWN BY: CLOUGH			
		B/O	-115	2	WASHER	S.S.	Ø3/4 X O.D. X Ø.13/64 I.D. (MCMaster-CARR #90313A202)	1	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			
		B/O	-117	2	SPRING	S.S.	(AIRCRAFT HARDWARE #MS24585-1354)	1	.XXX ± .005 FRACTIONS ± 1/8			
		B/O	-119	1	REMOVE BEFORE FLIGHT	NYLON	NAS 1756-12	1	.XX ± .01 ANGLES ± 5°			
		B/O	-123	2	FERRULE	ALUMINUM	Ø1/16 X 3/8 (MCMaster-CARR #3896T31)	1	.X ± .1			
		B/O	-121	1	LANYARD	COATED STEEL	Ø1/16 X 6 (CARR LANE #CL2C)	1	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R			
									2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
									SCALE 1:2 DATE 11/16/2012 SHEET 1 OF 4			

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	15-0118	-103 DELETED DATUM A & BASIC .750. IMPROVED GD&T. ADDED ENGRAVE NOTE.	5/27/2015	DPD	JAG



NOTES:

- 1 TAIL ROTOR BLADE CONTOUR DEFINITION AT STA 27.00 PER 406-016-101.
- 2 SYMBOL ► DENOTES POINT CONTACT OF TAIL ROTOR BLADE LEADING EDGE AT STA 27.00 PER 406-016-101.
- 3 BLEND CORNER RADII TO ALL ADJACENT SURFACE. NO SHARP EDGES PERMITTED.

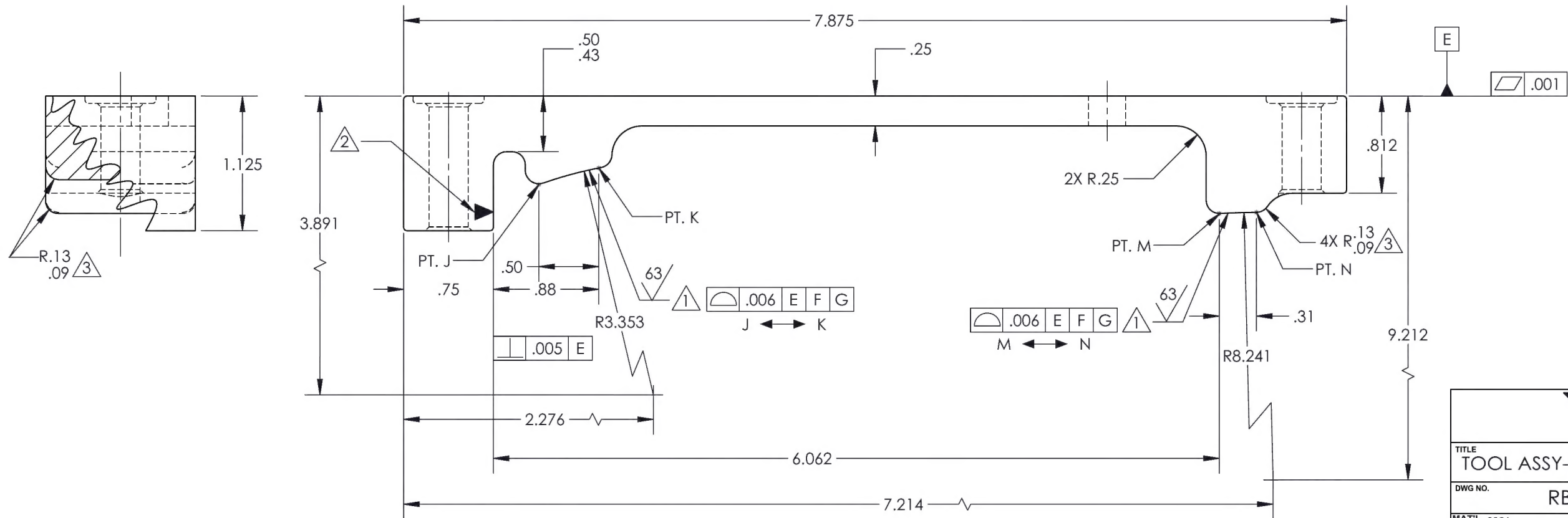
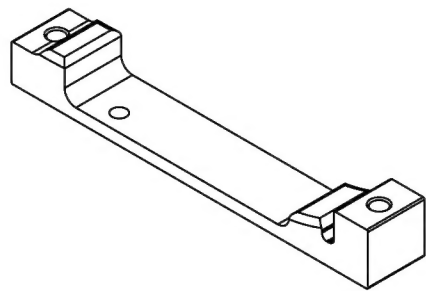
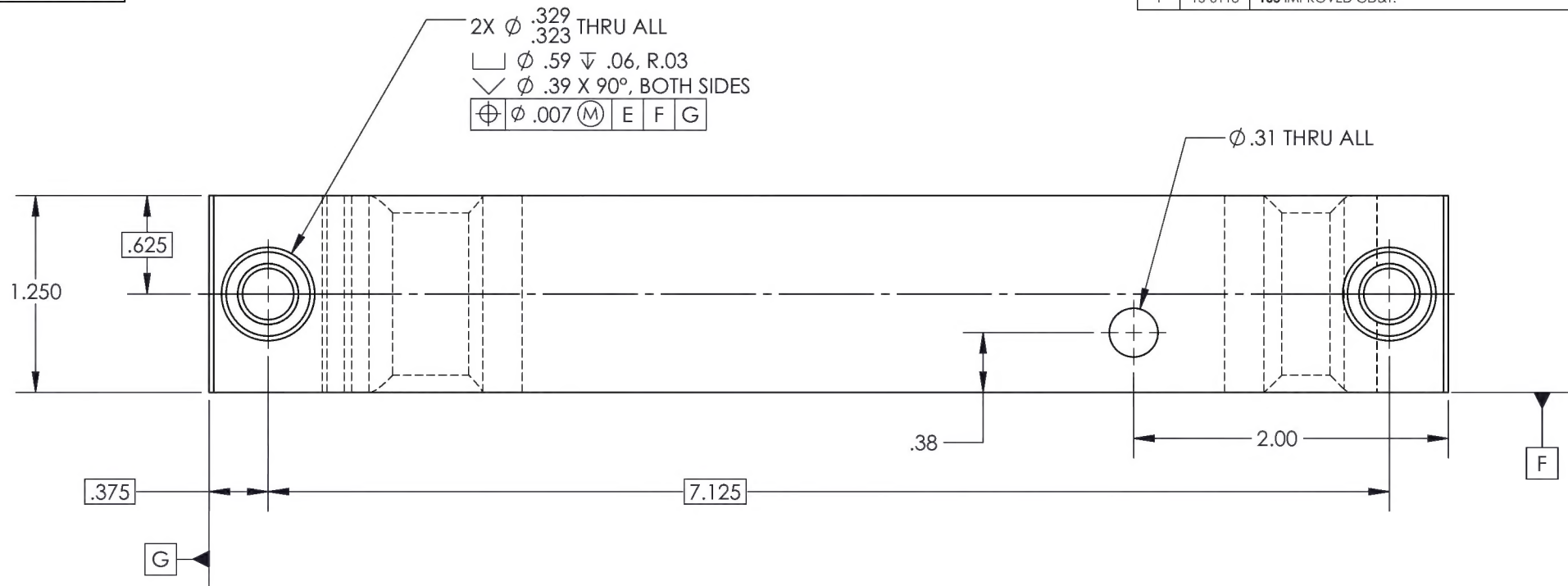
(-103)

OUTER BLOCK

DART AEROSPACE			
TITLE TOOL ASSY-RIGGING, TAIL ROTOR BLADE			
DWG NO. RB T101751-101-103		REV 1	
MAT'L 6061		DRAWN BY: CLOUGH	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED D Weil	
.XXX ± .005 FRACTIONS ± 1/8		TREAT FINISH RED ANODIZE	
.XX ± .01 ANGLES ± 5°		SPEC MIL-A-8625F, TYPE II, CLASS II	
.X ± .1		USED ON MODEL BELL 407	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		SCALE 1:1	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		DATE 11/16/2012	
		SHEET 2 OF 4	

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REVISIONS							
REV	ECR	DESCRIPTION			DATE	INITIAL	APPROVED
1	15-0118	-105 IMPROVED GD&T.			5/27/2015	DPD	JAG



NOTES:

- 1 TAIL ROTOR BLADE CONTOUR DEFINITION AT STA 27.00 PER 406-016-101.
- 2 SYMBOL \blacktriangleright DENOTES POINT CONTACT OF TAIL ROTOR BLADE LEADING EDGE AT STA 27.00 PER 406-016-101.
- 3 BLEND CORNER RADII TO ALL ADJACENT SURFACE. NO SHARP EDGES PERMITTED.

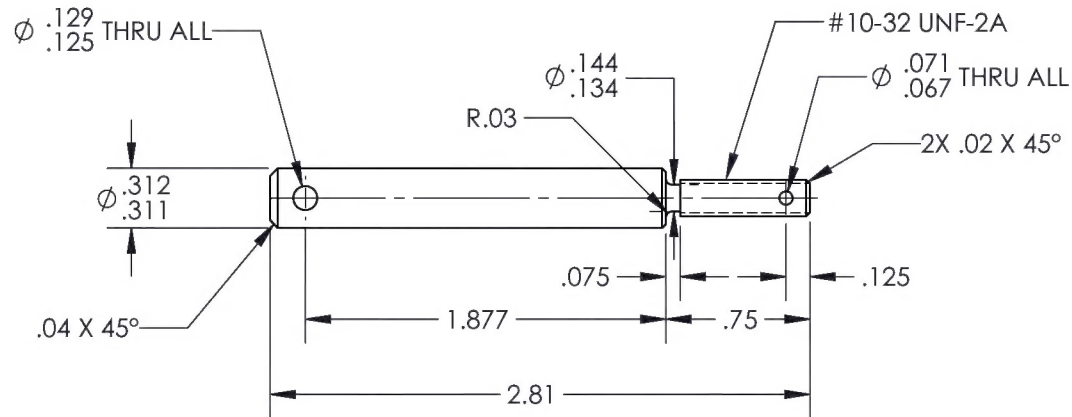
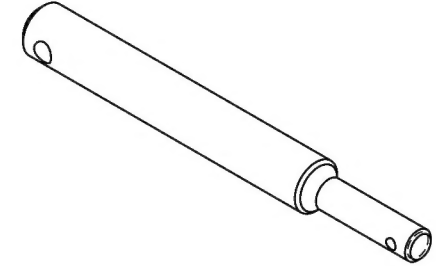
(-105)

INNER BLOCK

DART AEROSPACE			
TITLE TOOL ASSY-RIGGING, TAIL ROTOR BLADE			
DWG NO. RB T101751-101-105		REV 1	
MAT'L 6061		DRAWN BY: CLOUGH	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED <i>D Weil</i>	
.XXX \pm .005		TREAT	
.XX \pm .01		FINISH	
.X \pm .1		RED ANODIZE	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		SPEC MIL-A-8625F, TYPE II, CLASS II	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		USED ON MODEL	
SCALE 1:1		BELL 407	
DATE 11/16/2012		SHEET 3 OF 4	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
A		-107 CH'D CALLOUT ON THREAD TOLERANCE WAS #10-32 IS #10-32 UNF-2A.	4/7/2014	DPD	RJC



(-107)
STUD

DART AEROSPACE	
TITLE TOOL ASSY-RIGGING, TAIL ROTOR BLADE	
DWG NO. RB T101751-101-107	REV 1
MAT'L 303 S.S.	DRAWN BY: CLOUGH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT
.XX ± .01	TREAT
.X ± .1	FINISH
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL
	BELL 407
SCALE 1:1	DATE 11/16/2012
SHEET 4 OF 4	